

Tasks

- 1) Prepare a comprehensive inventory of Civil Mapping Agency resources (TOA and personnel including reimbursables).
- 2) Identify mapping requirements showing effort (\$ and personnel) expended against each; priority of the requirement; user supported; rate of progress against the requirement; reimbursement to Government from sale of product, if any.
- 3) Identify and describe all (military and civil) MC&G collection, production, data reduction and data storage capabilities. Determine costs. Determine extent used against requirements. Show interface between agencies, if any.
- 4) Determine degree to which advanced technology can be, or is being applied, against requirements; determine the costs, benefits, and problems associated with using advanced technology in areas where it is not being applied.
- 5) Establish criteria against which to measure a full range of community organizational alternatives, evaluate each alternative against these criteria showing pros and cons. Specify how each alternative may be implemented, e.g., by legislation, reorganization plan, Presidential directive, A-16 rewrite, continuation of status quo. Recommend pre-

Issue: A Central Data Bank for the Mapping Community

Discussion:

The map making art requires collection, processing and correlation of an immense amount of data derived from many sources to produce even a single finished sheet. Modern computer based systems now exist for common format standardized storage of mapping type data, e.g., geodesy, cadastral, place names, physical features and elevations. The Defense Mapping Agency has underway an experimental data base/data bank concept which it feels will both greatly speed up map and chart production and get interim products into consumers' hands quickly.

Questions:

- Is there sufficient similarity of data used by the individual components of the mapping community to make a central data facility worthwhile?
- Does the Defense data base/data bank concept provide a take off point for civil application?

Tasks:

- 1) Determine if there is an across-the-board need for data that would justify a computer based information exchange system.
- 2) If there is a requirement for such a system, determine how it should be programmed, funded and managed.

Discussion:

During last year's discussion on possible revision to Circular A-16, Defense suggested that a section should be added assigning responsibility for foreign liaison. At that time there were split views as to how liaison should be conducted and which agency should be charged with lead responsibility given the fact that in some countries mapping is a military function; in others civil; and in still others, mixed.

Questions:

- Should foreign liaison be assigned to a single agency regardless of counterpart affiliation or should lead agency roles be split?
- Should the IAGS remain subordinate to Defense?

Tasks:

- 1) Develop an inventory of foreign mapping organizations.
- 2) Determine subordination of each (military or civil).
- 3) Determine most appropriate subordination for IAGS.  
If other than Defense, propose a transfer plan.
- 4) Evaluate pros and cons of having single or multiple U. S. agency responsibility for liaison.
- 5) Recommend most desired course of action.

Discussion:

There is a large sum of money (20-25% annually) spent for MC&G within the mapping community, with even more in intelligence-related activities outside the boundaries of the community, e.g., in NRO programs. These programs are administered by a number of mapping organizations.

Questions:

- Is there a comprehensive concept, plan or series of objectives toward which this R&D is driving?
- How might reorganization of R&D activities improve performance?

Tasks:

- 1) Assemble an inventory of mapping R&D efforts.
- 2) Determine the reasons for each effort and revalidate as appropriate.
- 3) Determine if R&D gaps exist; propose solution.
- 4) Examine related clusters of projects for possibilities of overlap, combination, expansion or deletion.
- 5) Develop a general mapping R&D plan.
- 6) Recommend most appropriate R&D organization.

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